1995. As per approved revised cost estir mate, total sanctioned outlay of the project is Rs. 838.27 crores.

(d) and (e) Introduction of the similar modern techhnology in other opencast mines would depend on geomining factors as well as techno-economic viability of individual projects.

Cost-wise comparison of Coal Production with foreign Countries

1244. SHRI MURLIDHAR CHANDRA-KANT BHANDARE : Will the Minister of COAL be pleased to state:

(a) what is the cost of production of coal in the country;

(b) how it compares with the cost of production of major coal producing countries especially China;

(c) what are the details of the improvements made in this area over the last one decade ;

(d) what ate the reasons for slow pace if improvement in this area; and

(e) what steps are being taken by Govern-ment to reduce the cost of production of coal?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI AJIT KUMAR PANJA) : (a) and (b) The cost of production of coal in the mines of Coal India Ltd. during 1992-93 was Rs. 334.21 per tonne. The average cost for Singareni Collieries Company Ltd. coal for 1992-93 was Rs. 491.98 per tonne. The producers of coal in foreign countries treat the cost information as confidential and as such, no reliable data about cost of production in other countries is available.

(c) to (e) Various steps taken to increase efficiency and to reduce cost of production of coal in Coal India Ltd. include :

(i) Improved manpower planning in-cluding redeployment of surplus workers and restricting the intake of new employee against vacancies caused by natural wastage.

(ii) Reduction in manpower through voluntary retirement scheme.

(iii) The concept of 'all-men-all jobs' is being tried on an experimental basis.

(iv) Improvement in the availability and utilisation of equipment by providing adequate workshop support, improved management of spares and timely rehabilitation of equipments.

(v) Increase in production and pro-ductivity with special emphasis on underground mines.

(vi) A number of systems improvements and managerial measures have been adopted to improve efficiency of operations.

Efforts to improve the productivity and to control the cost is a continuous process for Coal India Ltd. management. For this purpose optimisation of output in relation to investment, manpower and other inputs is continuously strived. As a result, the rate of increase is the cost of production of coal during the last 10 years has been contained when compared against the rate of inflation measured in terms of increase in wholesale prices.

Coal production from Open Cast and underground mining as compared to China

1245. SHRI MURLIDHAR CHANDRA-KANT BHANDARE: Will the Minister of COAL be pleased to state :

;a) what is the productivity in the open cast Mines and underground mines in the country; separately;

(b) how these compare with some of the major coal producing countries especially China;

(c) what are the reasons for low pro-ductivity in the Indian coal mines; and

(d) what steps Government propose to take to improve the productivity of coal mining especially in under-ground mines?